

LEADSCREW ASSEMBLY WITH A WIRE-WOUND LEADSCREW  
AND A SPRING-PIN ENGAGEMENT OF A DRIVE NUT  
TO THE LEADSCREW

ABSTRACT OF THE DISCLOSURE

- 5           A leadscrew assembly includes a leadscrew having an elongated shaft with  
an outer lateral surface and a rotational axis, and a leadscrew thread formed of a  
thread wire helically wrapped in spaced-apart turns upon the lateral surface and  
affixed to the elongated shaft. A hollow drive nut housing includes a nut bore  
having an unthreaded inner surface. The leadscrew is inserted through the nut  
10 bore. The nut bore is sized such that the leadscrew may rotate therein about the  
rotational axis. A spring pin is affixed to the drive nut housing and spans across  
the nut bore to engage the leadscrew thread.